

CLAIM AMENDMENTS

1. (Currently Amended)

An image printing system which causes a printing unit to output an image on the basis of ~~input~~ image information corresponding to a plurality of pages, comprising:

a printing information converting unit which converts ~~the input image information corresponding to the plurality of pages~~ into printing information;

a storage unit which stores image information corresponding to a plurality pages in advance;

a difference comparison/detection unit which compares ~~the input image information corresponding to the plurality of pages with the~~ inputted image information corresponding to the plurality of pages stored in said storage unit on a page basis and detects differences between the inputted image information and the image information corresponding to the plurality of pages stored in the storage unit on a page basis; and

a control unit which controls said printing unit to output the printing information converted by said printing information converting unit,

wherein page-based image information which is determined to be different by said difference comparison/detection unit is converted into printing information by said printing information converting unit, and said printing unit outputs the image information which is determined to be different by the difference comparison/detection unit as an image on the basis of the ~~converted~~ printing information.

2. (Currently Amended)

A system according to claim 1, wherein when the image information corresponding to a the plurality of pages is to be output onto one output paper sheet, all page-based image information which includes the page-based image information which is determined to be different by said difference comparison/detection unit is converted into printing information by said printing information converting unit, and said printing unit outputs an image on the basis of the ~~converted~~ printing information.

3. (Currently Amended)

An image printing system in which at least one information processing apparatus to which image information corresponding to a plurality of pages is input and an image printing apparatus including a printing unit which prints an image on the basis of the input image information corresponding to the plurality of pages are connected to each other through a network, said information processing apparatus including:

a printing information converting unit which converts ~~the input image information corresponding to the plurality of pages~~ into printing information;

a storage unit which stores image information corresponding to a plurality pages in advance;

a difference comparison/detection unit which compares ~~the input image information corresponding to the plurality of pages with the~~ inputted image information corresponding to the plurality of pages stored in said storage unit on a page basis and detects differences between the inputted image information and the image information corresponding to the plurality of pages stored in the storage unit on a page basis; and

a control unit which controls said printing unit of said image printing apparatus to output the printing information converted by said printing information converting unit,

wherein page-based image information which is determined to be different by said difference comparison/detection unit is converted into printing information by said printing information converting unit, and said printing unit outputs the image information which is determined to be different by the difference comparison/detection unit as an image on the basis of the converted printing information.

4. (Original)

A system according to claim 3, wherein said difference comparison/detection unit compares the image information corresponding to the plurality of pages stored in said storage unit with revised image information corresponding to a plurality of pages, and detects image information of a revised page portion,

said printing information converting unit converts the image information of the revised page portion detected by said difference comparison/detection unit into printing information, and

said control unit outputs the printing information of the revised page portion to said image printing apparatus.

5. (Currently Amended)

A system according to claim 3, wherein when the image information corresponding to ~~a~~ the plurality of pages is to be output onto one output paper sheet, all ~~the~~ page-based image information including the page-based image information which is determined to be different by said difference comparison/detection unit is converted into printing information by said printing information converting unit, and an image is output from said printing unit of said image printing apparatus on the basis of the ~~converted~~ printing information.

6. (Currently Amended)

An image printing system in which at least one information processing apparatus to which image information corresponding to a plurality of pages is input and an image printing apparatus including a printing unit which prints an image on the basis of the input image information corresponding to the plurality of pages are connected to each other through a network,

said information processing apparatus including:

a storage unit which stores image information corresponding to a plurality pages in advance; and

a difference comparison/detection unit which compares ~~the input image information corresponding to the plurality of pages with the~~ inputted image information corresponding to the plurality of pages stored in said storage unit on a page basis and detects differences between the inputted image information and the image information corresponding to the plurality of pages stored in the storage unit on a page basis;

said image printing apparatus including:

a printing information converting unit which converts ~~the input~~ image information ~~corresponding to the plurality of pages~~ into printing information; and

a control unit which controls said printing unit of said image printing apparatus to output the printing information converted by said printing information converting unit,

wherein page-based image information which is determined to be different by said difference comparison/detection unit is converted into printing information by said printing information converting unit, and said printing unit outputs the image information which is determined to be different by the difference

comparison/detection unit as an image on the basis of the ~~converted~~ printing information.

7. (Currently Amended)

An image printing system in which at least one information processing apparatus to which image information corresponding to a plurality of pages is input and an image printing apparatus including a printing unit which prints an image on the basis of the input image information corresponding to the plurality of pages are connected to each other through a network,

said image printing apparatus including:

a printing information converting unit which converts ~~the input image information corresponding to the plurality of pages~~ into printing information;

a storage unit which stores image information corresponding to a plurality pages in advance;

a difference comparison/detection unit which compares ~~the input image information corresponding to the plurality of pages with the~~ inputted image information corresponding to the plurality of pages stored in said storage unit on a page basis and detects differences between the inputted image information and the image information corresponding

to the plurality of pages stored in the storage unit on a page basis;

and a control unit which controls said printing unit of said image printing apparatus to output the printing information converted by said printing information converting unit,

wherein page-based image information which is determined to be different by said difference comparison/detection unit is converted into printing information by said printing information converting unit, and said printing unit outputs the image information which is determined to be different by the difference comparison/detection unit as an image on the basis of the ~~converted~~ printing information.

8. (Currently Amended) An image-printing apparatus, which is connected, through a network, to at least one information processing apparatus to which image information corresponding to a plurality of pages is input, comprising:

printing information converting means for converting ~~the input image information corresponding to the plurality of pages~~ into the printing information; and

image printing means for, when the input image information corresponding to the plurality of pages

includes a page which needs to be revised, printing images corresponding to a plurality of pages on the basis of printing information converted by said printing information converting means from image information from the information processing apparatus which revises the image information of the corresponding page and includes difference comparison/detection means for comparing the ~~revised image information corresponding to the plurality of pages with the~~ inputted image information corresponding to the plurality of pages stored in ~~said~~ a storage means on a page basis to detect a difference between the inputted image information and detects differences between the inputted image information and the image information corresponding to the plurality of pages stored in the storage unit on a page basis;

wherein page-based image information which is determined to be different by the difference comparison/detection means is converted into printing information by said printing information converting means, and said image printing means outputs the ~~converted~~ printing information.

9. (Original)

An apparatus according to claim 6, wherein said image printing apparatus prints an image on an output paper basis on the basis of the printing information of a revised portion which is converted by said printing information converting means.

10. (Original)

An apparatus according to claim 6, wherein when image information corresponding to a plurality of pages is to be output, onto one output paper sheet, the image information corresponding to the plurality of pages is arranged on one surface or obverse and reverse surfaces of one output paper sheet.

11. (Currently Amended)

An image printing method of outputting an image on the basis of ~~input~~ image information corresponding to a plurality of pages, comprising:

the printing information converting step of converting ~~the input~~ image information corresponding to the plurality of pages into printing information;

the storage step of storing image information corresponding to a plurality pages in a storage unit; and

the comparison step of comparing the ~~input image information corresponding to the plurality of pages with the~~ inputted image information corresponding to the plurality of pages stored in the storage unit on a page basis and detects differences between the inputted image information and the image information corresponding to the plurality of pages stored in the storage unit on a page basis,

wherein page-based image information which is determined to be different in the comparison step is converted into printing information in the printing information converting step, and is output as an image.

12. (Currently Amended)

A computer-readable storage medium which stores a program for controlling an information processing unit to which image information corresponding to a plurality of pages is input, the program including

the printing information converting step of converting ~~the input~~ image information corresponding to the plurality of pages into printing information; the storage step of

storing image information corresponding to a plurality of pages; and

the comparison step of comparing ~~the input image information corresponding to the plurality of pages with the~~ inputted image information corresponding to the plurality of pages stored in the storage step on a page basis and detects differences between the inputted image information and the image information corresponding to the plurality of pages stored in the storage unit on a page basis;

wherein the information processing unit is controlled to convert page-based image information which is determined to be different in the comparison step into printing information in the printing information converting step, and to output the ~~converted~~ printing information.